

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): NAKANE et al.	Atty. Dkt.: 11-189
Serial No.: Unknown	Group Art Unit:
Filed: Concurrently herewith	Examiner:
Title: TORQUE SENSOR	

Commissioner for Patents
Arlington, VA 22202

Date: September 30, 2003

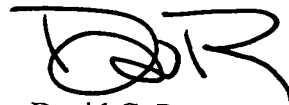
INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, the reference(s) listed on the attached Form PTO-1449 is/are being submitted for consideration by the Examiner without any admission that it/they constitute(s) statutory prior art, or without any admission that it/they contain(s) subject matter that anticipates the invention or renders the invention obvious to a person of ordinary skill in the art.

The Examiner is requested to initial the attached PTO Form-1449 and to return a copy of same to the undersigned attorney as proof that the listed reference(s) has/have been considered and made of record.

Respectfully submitted,



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Form PTO-1449 PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 1 of <u>1</u>	ATTORNEY DOCKET NO.	SERIAL NO.
	<div style="font-size: 1.5em; font-family: cursive;">11-189</div>	
	APPLICANT	
	Naoki NAKANE et al.	
	FILING DATE	GROUP
	9/30/03	

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
		4,984,474	1/15/91	Matsushima et al. (corres. to JP 2613449)		
		2002/0189371A1	12/19/02	Nakane et al. (corres. to JP 2003-149062)		
		4,784,002	11/15/88	Io		

FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation	
						Yes	No
		2613449	2/27/97	Japan Matsushima et al.			
		2003-149062 (Discussed in page 1 of the spec.)	5/21/03	Japan Nakane et al.			
		WO02/071019A1	9/12/02	PCT			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	

EXAMINER:	Date Considered:
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.